

P24194.P01 **UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	P24194	Total Pages	
---------------------	--------	-------------	--

Inventor(s) or Application Identifier: Nobumasa SUZUKI, Hiroshi NOHARA, Shinnosuke NAKAHARA, Shigenobu SATO, Kazumasa UEYAMA, Kazuhiro HASEGAWA, Kazuya ORIBE, and Hiroshi TAKAMIDO
--

Title: ROD CONNECTOR

ADDRESS TO: **Commissioner for Patents
Mail Stop Patent Application
PO Box 1450
Alexandria, VA 22313-1450**

APPLICATION ELEMENTS		ACCOMPANYING APPLICATION PARTS	
1. <input checked="" type="checkbox"/> Fee Transmittal Form (Submit an original, and a duplicate for fee processing)		9. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)	
2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. a. <input type="checkbox"/> Small Entity Statement(s)		a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies	
3. <input checked="" type="checkbox"/> Specification (preferred arrangement set forth below) - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure		10. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))	
4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 4]		11. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney	
5. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages 5]		12. <input type="checkbox"/> English Translation Document (if applicable)	
a. <input type="checkbox"/> Newly executed (original or copy) <input checked="" type="checkbox"/> Unexecuted b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 20 completed) [Note Box 6 below]		13. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations	
i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).		14. <input type="checkbox"/> Preliminary Amendment	
6. <input type="checkbox"/> Incorporation By Reference (useable if Box 5b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.		15. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)	
7. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76		16. <input checked="" type="checkbox"/> Figure of Drawing to be published: 3	
8. <input type="checkbox"/> CD-Rom or CD-R in duplicate, large table or Computer Program (<i>Appendix</i>)		17. <input checked="" type="checkbox"/> Foreign priority claimed a. <input checked="" type="checkbox"/> Claim of Priority b. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s)	
20. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior Application No. _____ / _____, filed _____. <i>Prior application information: Examiner: _____ Group Art Unit: _____</i>		18. <input checked="" type="checkbox"/> Assignee: <u>SHOWA IKA KOHGYO CO., LTD., of Aichi, Japan</u>	
		19. <input checked="" type="checkbox"/> Other: <u>Cover Letter under 37 C.F.R. 1.53(b) and 1.53(f)</u> _____ _____ _____ _____ _____	
21. <input type="checkbox"/> Amend the specification by inserting before the first line the sentence; This application is a _____ continuation-in-part, _____ continuation, _____ divisional, of Application No. _____ / _____, filed _____.			

Address all future correspondence to Customer No. 7055 at the present address of:

GREENBLUM & BERNSTEIN, P.L.C.
 1950 Roland Clarke Place
 Reston, VA 20191
 (703) 716-1191

9/11/03
 Date

*Leslie H. Bernstein Reg. 16
33,329*
 Signature
 Bruce H. Bernstein, Reg. No. 29,027
 Typed or Printed Name



FEE TRANSMITTAL

				Complete if Known																																																																																																																																																																																																																																																													
				Application Number		Not Yet Assigned																																																																																																																																																																																																																																																											
				Filing Date		Concurrently Herewith																																																																																																																																																																																																																																																											
				First Named Inventor		Nobumasa SUZUKI et al.																																																																																																																																																																																																																																																											
				Group Art Unit		Unassigned																																																																																																																																																																																																																																																											
				Examiner Name		Unassigned																																																																																																																																																																																																																																																											
TOTAL AMOUNT OF PAYMENT		(\$375.00)		Attorney Docket Number		P24194																																																																																																																																																																																																																																																											
METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																																																																																																																																																																																																																																													
1. <input checked="" type="checkbox"/> The U.S. Patent and Trademark Office is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account Number <u>19-0089</u> Deposit Account Name <u>GREENBLUM & BERNSTEIN, P.L.C.</u>				3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Prior to Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1252</td><td>410</td><td>2252</td><td>205</td><td>Extension for response within 1st month</td><td></td></tr> <tr><td>1253</td><td>930</td><td>2253</td><td>465</td><td>Extension for response within 2nd month</td><td></td></tr> <tr><td>1254</td><td>1,450</td><td>2254</td><td>725</td><td>Extension for response within 3rd month</td><td></td></tr> <tr><td>1255</td><td>1,970</td><td>2255</td><td>985</td><td>Extension for response within 4th month</td><td></td></tr> <tr><td>1401</td><td>320</td><td>2401</td><td>160</td><td>Extension for response within 5th month</td><td></td></tr> <tr><td>1402</td><td>320</td><td>2402</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1403</td><td>280</td><td>2403</td><td>140</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1453</td><td>1,300</td><td>2453</td><td>650</td><td>Petition to revive unavoidably abandoned application</td><td></td></tr> <tr><td>1501</td><td>1,300</td><td>2501</td><td>650</td><td>Petition to revive unintentionally abandoned application</td><td></td></tr> <tr><td>1502</td><td>470</td><td>2502</td><td>235</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1503</td><td>630</td><td>2503</td><td>315</td><td>Design issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Plant issue fee</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Submission of IDS</td><td></td></tr> <tr><td>1809</td><td>750</td><td>2809</td><td>375</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1810</td><td>750</td><td>2810</td><td>375</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>1801</td><td>750</td><td>2801</td><td>375</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td colspan="6">Other fee (specify) _____</td></tr> <tr><td colspan="6">Other fee (specify) _____</td></tr> <tr> <td colspan="4"></td> <td colspan="4">SUBTOTAL (3) (\$ <u>0.00</u>)</td> </tr> <tr> <td colspan="4"> 2. CLAIMS Total Claims <u>10</u> -20= <u>0</u> x <u>9</u> = <u>0.00</u> Independent <u>2</u> -3= <u>0</u> x <u>42</u> = <u>0.00</u> Claims Multiple Dependent Claims <u>0</u> x <u>140</u> = <u>0.00</u> </td> <td colspan="4"> *Reduced by Basic Filing Fee paid </td> </tr> <tr> <td colspan="4"> Large Entity Fee Code (\$) 1202 18 2202 9 1201 84 2201 42 1203 280 2203 140 1204 84 2204 42 1205 18 2205 9 </td> <td colspan="4"> Small Entity Fee Code (\$) Claims in excess of 20 Independent claims in excess of 3 Multiple dependent claim Reissue independent claims over original patent Reissue claims in excess of 20 and over original patent </td> </tr> <tr> <td colspan="4"> Fee Description Fee Paid <u>375.00</u> </td> <td colspan="4"></td> </tr> <tr> <td colspan="4"> SUBTOTAL (1) (\$ <u>375.00</u>) </td> <td colspan="4"></td> </tr> <tr> <td colspan="4"> Large Entity Fee Code (\$) 1202 18 2202 9 1201 84 2201 42 1203 280 2203 140 1204 84 2204 42 1205 18 2205 9 </td> <td colspan="4"> Fee Description Fee Paid <u>375.00</u> </td> </tr> <tr> <td colspan="4"> Fee from below <u>0</u> x <u>9</u> = <u>0.00</u> </td> <td colspan="4"></td> </tr> <tr> <td colspan="4"> SUBTOTAL (2) (\$ <u>0.00</u>) </td> <td colspan="4"></td> </tr> </tbody></table>				Large Entity Fee Code (\$)	Entity Fee Code (\$)	Small Entity Fee Code (\$)	Entity Fee (\$)	Fee Description	Fee Paid	1051	130	2051	65	Surcharge - late filing fee or oath		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.		1053	130	1053	130	Non-English specification		1812	2,520	1812	2,520	For filing a request for reexamination		1804	920*	1804	920*	Requesting publication of SIR		1805	1,840*	1805	1,840*	Prior to Examiner action		1251	110	2251	55	Requesting publication of SIR after Examiner action		1252	410	2252	205	Extension for response within 1st month		1253	930	2253	465	Extension for response within 2nd month		1254	1,450	2254	725	Extension for response within 3rd month		1255	1,970	2255	985	Extension for response within 4th month		1401	320	2401	160	Extension for response within 5th month		1402	320	2402	160	Notice of Appeal		1403	280	2403	140	Filing a brief in support of an appeal		1451	1,510	1451	1,510	Request for oral hearing		1452	110	2452	55	Petition to institute a public use proceeding		1453	1,300	2453	650	Petition to revive unavoidably abandoned application		1501	1,300	2501	650	Petition to revive unintentionally abandoned application		1502	470	2502	235	Utility issue fee (or reissue)		1503	630	2503	315	Design issue fee		1460	130	1460	130	Plant issue fee		1807	50	1807	50	Petitions to the Commissioner		1806	180	1806	180	Petitions related to provisional applications		8021	40	8021	40	Submission of IDS		1809	750	2809	375	Recording each patent assignment per property (times number of properties)		1810	750	2810	375	Filing a submission after final rejection (37 CFR 1.129(a))		1801	750	2801	375	For each additional invention to be examined (37 CFR 1.129(b))		1802	900	1802	900	Request for Continued Examination (RCE)		Other fee (specify) _____						Other fee (specify) _____										SUBTOTAL (3) (\$ <u>0.00</u>)				2. CLAIMS Total Claims <u>10</u> -20= <u>0</u> x <u>9</u> = <u>0.00</u> Independent <u>2</u> -3= <u>0</u> x <u>42</u> = <u>0.00</u> Claims Multiple Dependent Claims <u>0</u> x <u>140</u> = <u>0.00</u>				*Reduced by Basic Filing Fee paid				Large Entity Fee Code (\$) 1202 18 2202 9 1201 84 2201 42 1203 280 2203 140 1204 84 2204 42 1205 18 2205 9				Small Entity Fee Code (\$) Claims in excess of 20 Independent claims in excess of 3 Multiple dependent claim Reissue independent claims over original patent Reissue claims in excess of 20 and over original patent				Fee Description Fee Paid <u>375.00</u>								SUBTOTAL (1) (\$ <u>375.00</u>)								Large Entity Fee Code (\$) 1202 18 2202 9 1201 84 2201 42 1203 280 2203 140 1204 84 2204 42 1205 18 2205 9				Fee Description Fee Paid <u>375.00</u>				Fee from below <u>0</u> x <u>9</u> = <u>0.00</u>								SUBTOTAL (2) (\$ <u>0.00</u>)							
Large Entity Fee Code (\$)	Entity Fee Code (\$)	Small Entity Fee Code (\$)	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																												
1051	130	2051	65	Surcharge - late filing fee or oath																																																																																																																																																																																																																																																													
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.																																																																																																																																																																																																																																																													
1053	130	1053	130	Non-English specification																																																																																																																																																																																																																																																													
1812	2,520	1812	2,520	For filing a request for reexamination																																																																																																																																																																																																																																																													
1804	920*	1804	920*	Requesting publication of SIR																																																																																																																																																																																																																																																													
1805	1,840*	1805	1,840*	Prior to Examiner action																																																																																																																																																																																																																																																													
1251	110	2251	55	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																																																													
1252	410	2252	205	Extension for response within 1st month																																																																																																																																																																																																																																																													
1253	930	2253	465	Extension for response within 2nd month																																																																																																																																																																																																																																																													
1254	1,450	2254	725	Extension for response within 3rd month																																																																																																																																																																																																																																																													
1255	1,970	2255	985	Extension for response within 4th month																																																																																																																																																																																																																																																													
1401	320	2401	160	Extension for response within 5th month																																																																																																																																																																																																																																																													
1402	320	2402	160	Notice of Appeal																																																																																																																																																																																																																																																													
1403	280	2403	140	Filing a brief in support of an appeal																																																																																																																																																																																																																																																													
1451	1,510	1451	1,510	Request for oral hearing																																																																																																																																																																																																																																																													
1452	110	2452	55	Petition to institute a public use proceeding																																																																																																																																																																																																																																																													
1453	1,300	2453	650	Petition to revive unavoidably abandoned application																																																																																																																																																																																																																																																													
1501	1,300	2501	650	Petition to revive unintentionally abandoned application																																																																																																																																																																																																																																																													
1502	470	2502	235	Utility issue fee (or reissue)																																																																																																																																																																																																																																																													
1503	630	2503	315	Design issue fee																																																																																																																																																																																																																																																													
1460	130	1460	130	Plant issue fee																																																																																																																																																																																																																																																													
1807	50	1807	50	Petitions to the Commissioner																																																																																																																																																																																																																																																													
1806	180	1806	180	Petitions related to provisional applications																																																																																																																																																																																																																																																													
8021	40	8021	40	Submission of IDS																																																																																																																																																																																																																																																													
1809	750	2809	375	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																																																													
1810	750	2810	375	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																																																																																													
1801	750	2801	375	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																																																																																													
1802	900	1802	900	Request for Continued Examination (RCE)																																																																																																																																																																																																																																																													
Other fee (specify) _____																																																																																																																																																																																																																																																																	
Other fee (specify) _____																																																																																																																																																																																																																																																																	
				SUBTOTAL (3) (\$ <u>0.00</u>)																																																																																																																																																																																																																																																													
2. CLAIMS Total Claims <u>10</u> -20= <u>0</u> x <u>9</u> = <u>0.00</u> Independent <u>2</u> -3= <u>0</u> x <u>42</u> = <u>0.00</u> Claims Multiple Dependent Claims <u>0</u> x <u>140</u> = <u>0.00</u>				*Reduced by Basic Filing Fee paid																																																																																																																																																																																																																																																													
Large Entity Fee Code (\$) 1202 18 2202 9 1201 84 2201 42 1203 280 2203 140 1204 84 2204 42 1205 18 2205 9				Small Entity Fee Code (\$) Claims in excess of 20 Independent claims in excess of 3 Multiple dependent claim Reissue independent claims over original patent Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																																																													
Fee Description Fee Paid <u>375.00</u>																																																																																																																																																																																																																																																																	
SUBTOTAL (1) (\$ <u>375.00</u>)																																																																																																																																																																																																																																																																	
Large Entity Fee Code (\$) 1202 18 2202 9 1201 84 2201 42 1203 280 2203 140 1204 84 2204 42 1205 18 2205 9				Fee Description Fee Paid <u>375.00</u>																																																																																																																																																																																																																																																													
Fee from below <u>0</u> x <u>9</u> = <u>0.00</u>																																																																																																																																																																																																																																																																	
SUBTOTAL (2) (\$ <u>0.00</u>)																																																																																																																																																																																																																																																																	

SUBMITTED BY				Complete (if applicable)			
Typed or Printed Name		Bruce H. Bernstein		Reg. Number		29,027	
Signature		<i>Bruce H. Bernstein</i> <u>Sept 16, 2003</u>		Date	<u>9/11/03</u>	Deposit Account User ID	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Nobumasa SUZUKI et al.

Serial No. : Not Yet Assigned

Filed : Concurrently Herewith

For : ROD CONNECTOR

**COVER LETTER ACCOMPANYING U.S. PATENT APPLICATION
FILED UNDER 37 C.F.R. 1.53(b) and 1.53(f)**

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

Enclosed is a new patent application for filing in the U.S. Patent and Trademark Office under 37 C.F.R. 1.53(b) and 1.53(f) in which the Declaration and Power of Attorney attached thereto are in unexecuted form. A properly executed Declaration and Power of Attorney will be filed within the time period set forth in the Notice to File Missing Parts of Application, unless such time period has been extended by the filing of a petition accompanied by the extension fee under the provisions of 37 C.F.R. 1.136(a).

Related to the above, this application should be associated with Customer Number 7055, which includes the present correspondence address as follows:

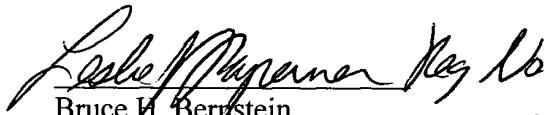
GREENBLUM & BERNSTEIN, P.L.C.
1950 Roland Clarke Place
Reston, VA 20191

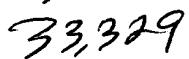
The above-identified application includes:

- 12 pages of specification with abstract.
- 4 sheets of drawings with 7 figures.
- 10 total claims and 2 independent.
- an unexecuted Declaration and Power of Attorney.

If there are any questions, please contact the undersigned at the below-listed telephone number.

Respectfully submitted,
Nobumasa SUZUKI et al.


Bruce H. Bernstein
Reg. No. 29,027



September 10, 2003
GREENBLUM & BERNSTEIN, P.L.C.
1950 Roland Clarke Place
Reston, VA 20191
(703) 716-1191